505124163 10/03/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIGNESH SUNDAR	07/19/2018
YU-JEN WANG	07/19/2018
LUC THOMAS	07/19/2018
GUENOLE JAN	07/19/2018

RECEIVING PARTY DATA

Name:	HEADWAY TECHNOLOGIES, INC.	
Street Address:	678 S. HILLVIEW DRIVE	
City:	MILPITAS	
State/Country:	CALIFORNIA	
Postal Code:	95035	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16056791

CORRESPONDENCE DATA

Fax Number: (845)471-2064

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: SAILE ACKERMAN LLC
Address Line 1: 28 DAVIS AVENUE

Address Line 4: POUGHKEEPSIE, NEW YORK 12603

ATTORNEY DOCKET NUMBER:	HT17-038	
NAME OF SUBMITTER:	STEPHEN B ACKERMAN	
SIGNATURE:	/Stephen B Ackerman/	
DATE SIGNED:	10/03/2018	

Total Attachments: 2

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PATENT REEL: 047052 FRAME: 0109

НΙ	1/-	058		

For U.S. and/or	Foreign Rights
For X Application or	U.S. Patent
By X Inventor(s) or	Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, **ASSIGNOR**:

Vignesh Sundar	Yu-Jen Wang
Vignesh Sundar Type or print name of ASSIGNOR	Type or print name of ASSIGNOR
455 Brahms Way Apt. 320	5655 Mireille Drive-
Street Address	Street Address
Sunnyvale, CA 94087 City, State, Country, Zip	San Jose CA 95118 City, State, Country, Zip
	City, State, Country, Zip
INDIAN	USA
Nationality	Nationality
Luc Thomas Type or print name of ASSIGNOR	Guenole Jan
Type or print name of ASSIGNOR	Type or print name of ASSIGNOR
1369 Camino Robles Way Street Address	448 Coe Avenue
Street Address	Street Address
San Jose CA 95120 City, State, Country, Zip	San Jose CA 95125
City, State, Country, Zip	City, State, Country, Zip
724	tkene u
Nationality	Nationality
hereby sells, assigns and transfers to	
ASSIGNEE:	
Headway Technologies, Inc. 678 S. Hillview Drive Milpitas, CA 95035 USA Nationality	
and the successors, assigns and legal repre	esentatives of the ASSIGNEE
complete one of the following)	
x the entire right, title and interest	
	oract for the United Otatas and its tamitarial managers
	erest for the United States and its territorial possessions eign rights are also to be assigned)
and in all foreign countries	right rights are also to be assigned)
n and to any and all improvements which ar	re disclosed in the invention entitled:

Dual Magnetic Tunnel Junction Devices for Magnetic Random Access Memory (MRAM)

PATENT REEL: 047052 FRAME: 0110

and	which is found in		
x	(a) U.S. patent application executed on even date herewith		
	(b) U.S. patent application executed on		
	(c) U.S. application serial	no filed on	
	(d) U.S. patent no.	issuedissued(also check (e) if foreign application(s) is also being assigned)	
X		nt thereof in a foreign country, including the right to claim priority	
cont		ent to be obtained for said invention by the above application or any , or substitute, thereof, and as to letters patent any re-issue or re-	
will l		ants that no assignment, sale, agreement or encumbrance has been or ch would conflict with this assignment.	
may or prepresent and	inent facts and documents read to be known and accessible to broceeding related thereto esentatives any and all paper enforce said application, sa	ents that ASSIGNEE will, upon its request, be provided promptly with all elating to said invention and said Letters Patent and legal equivalents as a ASSIGNOR and will testify as to the same in any interference, litigation and will promptly execute and deliver to ASSIGNEE or its legal ers, instruments or affidavits required to apply for, obtain, maintain, issue aid invention and said Letters Patent and said equivalents thereof which o carry out the purposes thereof.	
IN V	VITNESS WHEREOF, I / We	have signed	
WAI	RNING Date of signing must be	the same as the date of execution of the application if item (a) was checked above.	
Signa	ature of ASSIGNOR	Date of Signing	
ŭ	ature of Agaignor	07//9//2 Date of Signing 07//9//2 Date of Signing 07//9//20/8	
Signa	atule of ASBIGNOR	Date of Signing A-1/9/2018	
Sign	ture of ASSIGNOR	Date of Signing	

PATENT REEL: 047052 FRAME: 0111

RECORDED: 10/03/2018